Amendments to the Specification

Amend the paragraph beginning on page 6 at line 8 with the following:

FIG. 1 shows a network configuration to which the traffic monitor of the present invention is applied. The network configuration includes a plurality of active monitors 2 which observe the traffic of physical lines and a manager 1 which collects analysis results of these active monitors 2 and manages the network.

Amend the paragraph beginning on page 6 at line 14 with the following:

Each of the active monitors 2 taps physical lines L12, L23, L34 and L14 connecting routers R1, R2, R3 and R4 (or simply "R" in Fig. 4), analyzes a packet or a protocol, and stores the packet or a header which forms a part of the packet in a analysis result database (DB1, DB2, DB3, and DB4; or simply "DB" in Fig. 3).

Amend the Abstract as follows:

A traffic monitoring system enabling a manager to manage a plurality of traffic monitors in a centralized manner with a desired specification and to effectively utilize a traffic analysis result of each traffic monitor for network management is provided. The manager [[1]] loads a management application program to the manager itself and executes the program [[(S1)]]. The manager [[1]] transfers the management application program to each active monitor [[2]] to allow the management application program to be executed [[(S2 and S3)]]. Each active monitor [[2]] provides an analysis result to the manager [[1]] in response to a request [[(S4)]] from the manager [[1 (S5)]]. Each active monitor [[2]] stops a packet analysis program in response to a request [[(S6)]] from the manager [[1]] and unloads the packet analysis program. After collecting the analysis result, the manager [[1]] stops and unloads the management application program [[(S8)]].